

To: OBrien, Wendy[OBrien.Wendy@epa.gov]
From: Christner, Jan
Sent: Mon 8/10/2015 8:21:50 PM
Subject: RE: Animas response
Total and Dissolved Metals Averages - 2009-2015.docx

Wendy,

I talked with Steve Auer and he didn't use a lot of the data that is in the Scribe database (such as mini-sipper data and more) for the risk assessment. It didn't make sense to not include June and early July as part of spring runoff in this watershed so I just went ahead and provided the two divisions of data (1. all year and 2. without May 1 to July 15). If you and/or Dan just want me to use only the data used for the risk assessment, I can go back and do that. Let me know if you want anything else changed.

Jan

From: OBrien, Wendy [mailto:OBrien.Wendy@epa.gov]
Sent: Monday, August 10, 2015 12:19 PM
To: Christner, Jan
Subject: RE: Animas response

Hi Jan,

Dan recommends contacting Steve Auer and using the same cutoff dates that were used in the risk assessment. Hope this makes sense.

Thanks.

Wendy O'Brien, DVM, PhD, DABT

Toxicologist, Ecosystems Protection and Remediation

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From: OBrien, Wendy
Sent: Monday, August 10, 2015 12:15 PM
To: 'Christner, Jan'
Subject: RE: Animas response

Ok – will do . thank you!

Wendy O'Brien, DVM, PhD, DABT
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From: Christner, Jan [<mailto:Jan.Christner@WestonSolutions.com>]
Sent: Monday, August 10, 2015 12:13 PM
To: OBrien, Wendy
Subject: RE: Animas response

I'm just about done with the dissolved data – taking it from Excel to Word.

I'll send the 2014 summary data (Runoff vs. lower flow) as soon as I finish the dissolved. It won't take much longer. Just deleting some rows and exporting to Word. See if Dan agrees that May 1 to July 15 is runoff or if I should be using different cutoff dates.

From: OBrien, Wendy [<mailto:OBrien.Wendy@epa.gov>]
Sent: Monday, August 10, 2015 12:09 PM
To: Christner, Jan
Subject: RE: Animas response

Thanks Jan. This is helpful. Any chance we can look at just 2014 data by season? Dan has expressed a strong desire to see seasonal data and if we limit it to 2014 data that would make the level of effort and turnaround time more manageable.

Thank you.

Wendy O'Brien, DVM, PhD, DABT

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From: Christner, Jan [<mailto:Jan.Christner@WestonSolutions.com>]
Sent: Monday, August 10, 2015 12:01 PM
To: OBrien, Wendy
Subject: RE: Animas response

Hi, Wendy.

See the attached tables showing the historic Animas River data. Only the data from Scribe is included, so it is mainly EPA and ESAT data. The community has additional data that may not be included given the timeframe here.

I showed the count for each of the analytes because some were only analyzed once or twice and others many times.

I'm sending the total before the dissolved so you can let me know if you like this format.

Jan Christner

Senior Project Engineer

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From: OBrien, Wendy [<mailto:OBrien.Wendy@epa.gov>]

Sent: Monday, August 10, 2015 10:32 AM

To: Christner, Jan

Subject: RE: Animas response

If possible, all would be preferable. Thx.

Wendy O'Brien, DVM, PhD, DABT

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From: Christner, Jan [<mailto:Jan.Christner@WestonSolutions.com>]

Sent: Monday, August 10, 2015 10:27 AM

To: OBrien, Wendy

Subject: RE: Animas response

Do you want the data averages just for the Animas River downstream of Silverton (location A72)? Also upstream averages (A68)? Cement Creek (CC48)?

From: OBrien, Wendy [<mailto:OBrien.Wendy@epa.gov>]

Sent: Monday, August 10, 2015 10:01 AM

To: Christner, Jan

Subject: RE: Animas response

Hi Jan,

Can you give me a call at 303 514 7562 when you get a chance?

Thx.

Wendy O'Brien, DVM, PhD, DABT

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From: Christner, Jan [<mailto:Jan.Christner@WestonSolutions.com>]

Sent: Monday, August 10, 2015 9:51 AM

To: OBrien, Wendy

Subject: RE: Animas response

Wendy,

The easiest thing is to take the recent database and use all values. Is that adequate for this purpose since you need the data quickly, or do you need average spring and fall concentrations with each of the last 5 years represented evenly where data is available.

Jan

From: OBrien, Wendy [<mailto:OBrien.Wendy@epa.gov>]

Sent: Monday, August 10, 2015 9:19 AM

To: Christner, Jan

Cc: Keteles, Kristen

Subject: Animas response

Hi Jan,

I'm working with Marty and many others here on the Animas response. I understand you were involved in looking at the historical values early in the response. We need to know the average values of historical surface water data for the complete analyte list, both total and dissolved. Can you get us those values ASAP?

Also, can you please share with Kristen the eco values you have been working on for Dan Wall?

Thanks.

Wendy O'Brien, DVM, PhD, DABT

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